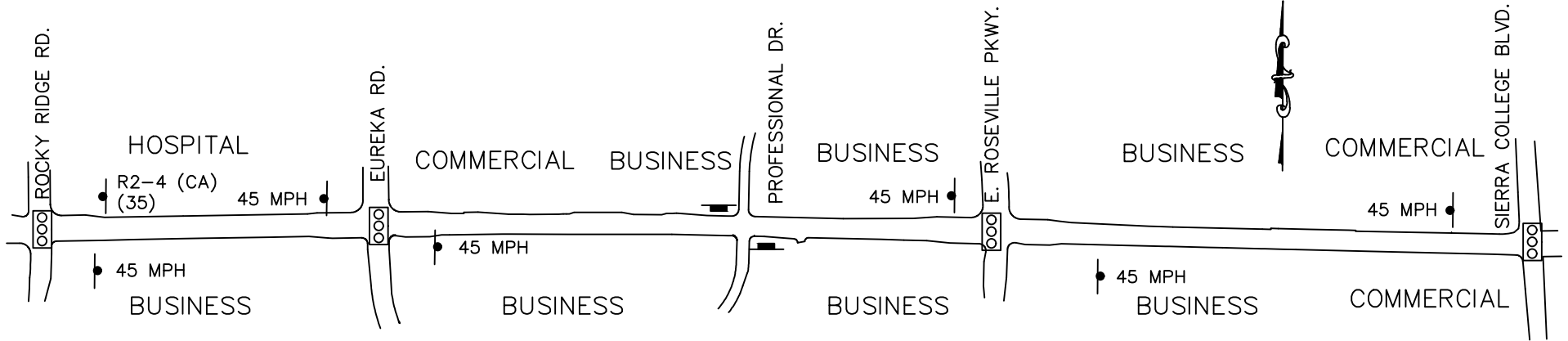


TRAFFIC ENGINEERING AND SPEED MAP
SPEED ZONE SURVEY

ROAD NAME:

DOUGLAS BLVD
Rocky Ridge to Sierra College

STRIP MAP



ROADWAY WIDTH	105'
NO. OF LANES	6
ADT	44063
DIVIDER TYPE	RAISED
CRITICAL SPEED (85th %)	50.3
PACE SPEED	43-52
3-YEAR ACCIDENT HISTORY	39
EXISTING SPEED LIMIT	45 MPH
RECOM. SPEED LIMIT	45 MPH
SEGMENT LENGTH	7670'

LEGEND	STOP SIGNS	SPEED LIMIT SIGN	TRAFFIC SIGNAL
--------	------------	------------------	----------------

MPH	61-75	0	ROADSIDE COND.
	51-60	34	SCHOOL <input type="checkbox"/>
	41-50	152	RESIDENCE <input type="checkbox"/>
	31-40	14	BUSINESS <input checked="" type="checkbox"/>
	1-30	0	PARKS <input type="checkbox"/>
			OPEN SPACE <input type="checkbox"/>
		BIKEWAY <input checked="" type="checkbox"/>	

COMMENTS: NO PARKING ON BOTH SIDES OF STREET.



SOME RECOVERY AREA NO RECOVERY AREA

SCHOOL ROUTE

City of Roseville Engineering and Traffic Survey Summary

Street: DOUGLAS BL
Limits: ROCKY RIDGE DR
SIERRA COLLEGE BL

Field Observer: RY / JDT
Checked By: J CERVANTES
Date: 8/25/2021

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	700' W OF SIERRA COLLEGE, N SIDE OF DOUGLAS
85th Percentile	50.3
10 mph Pace	43 - 52
Percent in Pace	81.0%
Posted Speed Limit	45
<u>B. Collision History</u>	
Date Range	4/26/2018 To 4/26/2021 (3 YEARS)
Total Collisions	39
Collision Rate (Acc/MVM)	0.555
Expected Collision Rate	2.75
<u>C. Traffic Factors</u>	
Average Daily Traffic	44063
Length of Segment	7670
Lane Configuration	3 Lanes Each Direction
Street Classification	Arterial
<u>D. Conditions Not Readily Apparent</u>	
Conditions	See: Roadside Conditions on the Speed Zone Survey Map
Roadway Geometrics	STRAIGHT & LEVEL
Comments	NUMEROUS COMMERCIAL DRIVEWAYS; CLASS II BIKE LANES; MODERATE ACCIDENT OCCURANCE
<u>E. Adjacent Land Use</u>	Commercial
Posted Speed Limit	45
Speed Limit Change?	No
Revised Speed Limit	
	
Approved and Authorized for release by City of Roseville Traffic Engineering Department:	
 <u>Jana Cervantes TE</u>	<u>8-7-21</u> Date
	Loc. #

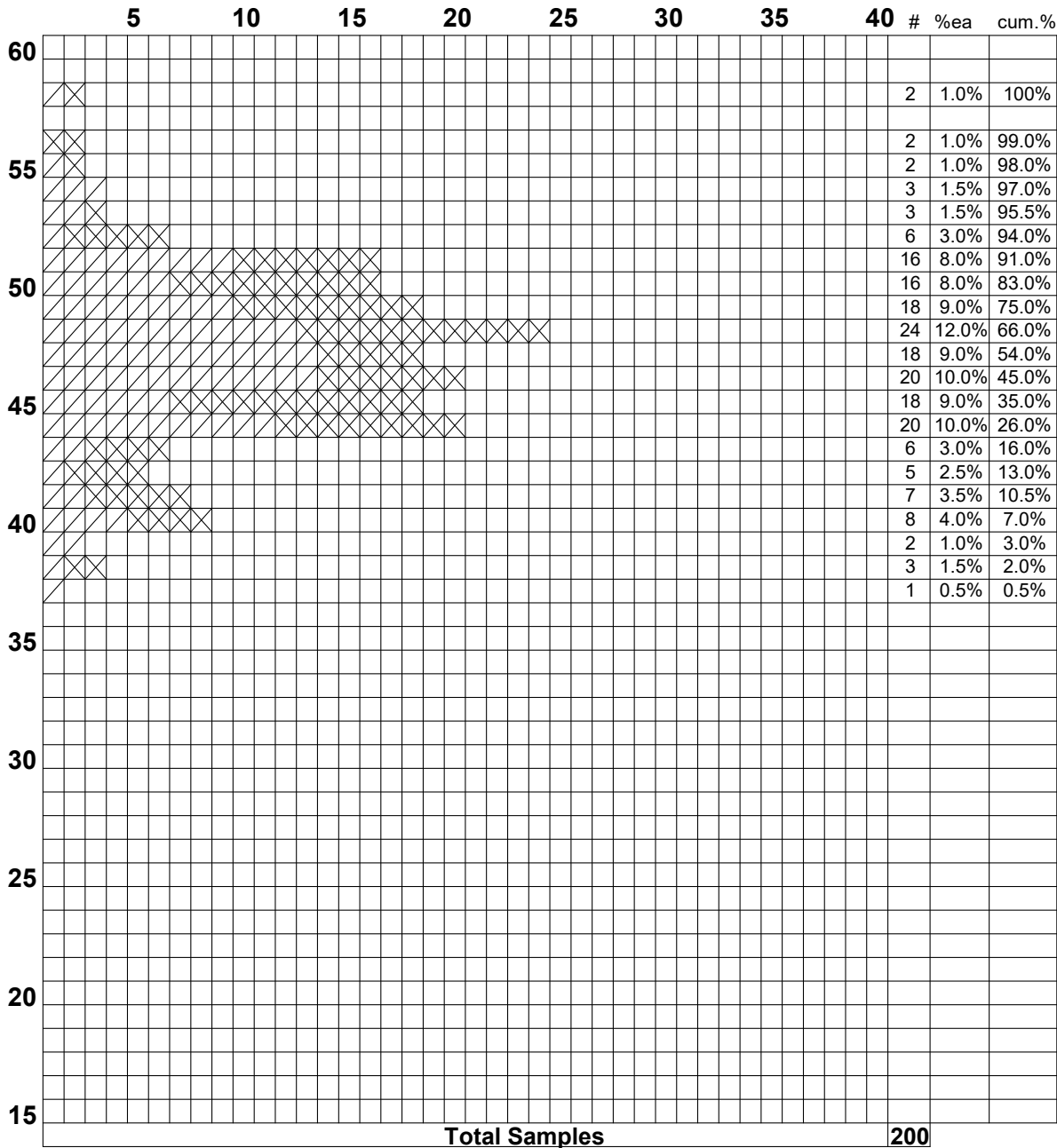
City of Roseville
Traffic Engineering Department

Street Name: DOUGLAS BL

Limits: ROCKY RIDGE DR to SIERRA COLLEGE BL

Radar Survey Sheet

X=West / =East



85th Percentile Speed: 50.3
 50th Percentile Speed: 46.6
 15th Percentile Speed: 42.7
 10 MPH Pace: 43- 52
 Number in Pace: 162
 Percent in Pace: 81.0%

Date of Survey: 8/25/2021 Start Time: 9:20
 Weather: Clear End Time: 9:41
 Road Condition: Good Posted Speed: 45
 Street Class.: Arterial
 Observer: RY / JDT
 Conditions not Apparent: See: Roadside Conditions on the Speed Zone Survey Map

**City of Roseville
Traffic Engineering Department**

Lidar Speed Data Worksheet

Date: 0125/21 Location # _____

Street Name: DOUGLAS Observer: RY/WDT

Limits: SIERRA C - ROCKY R. Location of Survey: 700' W OF SIERRA C

Weather: CLEAR

Roadway Geometrics: _____

Road Cond: GOOD

Conditions Not Apparent: _____

Posted Speed: 45

Start Time: 9:20 AM

Lane Config: 6

End Time: 9:47

Adjacent Land Use: COMMERCIAL

Street Classification: Arterial - Collector - Local

Collision Start Date: _____

Average Daily Traffic: _____

Collision End Date: _____

Segment Length: _____

Collision Period: _____

Speed Limit Changed? Yes - No

Total Collisions: _____

Revised Limit: _____

Collision Rate: _____

Checked By: _____

Expected Collision Rate: _____

Direction: WB

Direction: EB

1. <u>58</u>	21. <u>47</u>	41. <u>49</u>	61. <u>42</u>	81. <u>40</u>
2. <u>51</u>	22. <u>53</u>	42. <u>38</u>	62. <u>42</u>	82. <u>44</u>
3. <u>50</u>	23. <u>49</u>	43. <u>38</u>	63. <u>44</u>	83. <u>48</u>
4. <u>48</u>	24. <u>43</u>	44. <u>45</u>	64. <u>50</u>	84. <u>51</u>
5. <u>50</u>	25. <u>46</u>	45. <u>41</u>	65. <u>51</u>	85. <u>46</u>
6. <u>52</u>	26. <u>45</u>	46. <u>41</u>	66. <u>45</u>	86. <u>47</u>
7. <u>43</u>	27. <u>41</u>	47. <u>45</u>	67. <u>45</u>	87. <u>43</u>
8. <u>45</u>	28. <u>52</u>	48. <u>55</u>	68. <u>48</u>	88. <u>49</u>
9. <u>44</u>	29. <u>50</u>	49. <u>48</u>	69. <u>48</u>	89. <u>45</u>
10. <u>42</u>	30. <u>40</u>	50. <u>41</u>	70. <u>56</u>	90. <u>49</u>
11. <u>52</u>	31. <u>46</u>	51. <u>52</u>	71. <u>48</u>	91. <u>50</u>
12. <u>51</u>	32. <u>47</u>	52. <u>50</u>	72. <u>40</u>	92. <u>45</u>
13. <u>45</u>	33. <u>50</u>	53. <u>51</u>	73. <u>47</u>	93. <u>44</u>
14. <u>40</u>	34. <u>48</u>	54. <u>41</u>	74. <u>51</u>	94. <u>46</u>
15. <u>44</u>	35. <u>44</u>	55. <u>43</u>	75. <u>49</u>	95. <u>42</u>
16. <u>48</u>	36. <u>50</u>	56. <u>49</u>	76. <u>49</u>	96. <u>52</u>
17. <u>46</u>	37. <u>46</u>	57. <u>48</u>	77. <u>48</u>	97. <u>53</u>
18. <u>47</u>	38. <u>51</u>	58. <u>44</u>	78. <u>44</u>	98. <u>50</u>
19. <u>44</u>	39. <u>45</u>	59. <u>41</u>	79. <u>50</u>	99. <u>46</u>
20. <u>49</u>	40. <u>56</u>	60. <u>48</u>	80. <u>48</u>	100. <u>49</u>

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19. <u>47</u>	39. <u>47</u>	59. <u>44</u>	79. <u>44</u>	99. <u>47</u>
20. <u>45</u>	40. <u>46</u>	60. <u>54</u>	80. <u>44</u>	100. <u>48</u>

Comments: